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NEWS	11	FEB	02	Simultaneous left and right truncation (SLART) added							
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NEWS		FEB		WTEXTILES reloaded and enhanced							
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112110				patent records provide insights into related prior							
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NEWS	10	FEB	23	discontinued in USPATFULL and USPAT2 MEDLINE now offers more precise author group fields							
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NEWS	22	FEB	25	USGENE enhanced with patent family and legal status display data from INPADOCDB							
NEWS	23	MAR	0.6	INPADOCDB and INPAFAMDB enhanced with new display							
MEND	23	LIMIN	00	formats							
NEWS	24	MAR	11	EPFULL backfile enhanced with additional full-text							
				applications and grants							
NEWS		MAR		ESBIOBASE reloaded and enhanced							
NEWS	26	MAR	20	CAS databases on STN enhanced with new super role							

for nanomaterial substances

NEWS 27 MAR 23 CA/Caplus enhanced with more than 250,000 patent equivalents from China

NEWS 28 MAR 30 IMSPATENTS reloaded and enhanced

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L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN 2002:171867 CAPLUS Full-text ACCESSION NUMBER:

DOCUMENT NUMBER: 136:232314

TITLE: Preparation of aminoquinazolines as epidermal growth

factor receptor signal transduction inhibitors INVENTOR(S): Himmelsbach, Frank; Langkopf, Elke; Jung, Birgit;

Blech, Stefan; Solca, Flavio PATENT ASSIGNEE(S): Boehringer Ingelheim Pharma Kg, Germany

SOURCE: PCT Int. Appl., 103 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Pat.ent. LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.				KIND DATE			APPLICATION NO.					DATE					
WO	WO 2002018351				AI	A1 20020307			WO 2001-EP9532					20010818			
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
		co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PH,	PL,
		PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	TJ,	TM,	TR,	TT,	TZ,	UA,	UG,
		US,	UZ,	VN,	YU,	ZA,	ZW										
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZW,	AT,	BE,	CH,	CY,
		DE,	DK,	ES,	FI,	FR,	GB,	GR,	ΙE,	IT,	LU,	MC,	NL,	PT,	SE,	TR,	BF,
		ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG	
DE 10042058				A1 20020307				DE 2000-10042058					20000826				
AU 2001087694				A 20020313				AU 2001-87694					20010818				
CA	CA 2417897				A1 20030130				CA 2001-2417897					20010818			
EP	P 1315705			A1	A1 20030604			EP 2001-967285					20010818				
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		ΙE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR						

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JP 2004507529	T	20040311	JP	2002-523469		20010818
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NZ 524668	A	20060630	NZ	2001-524668		20010818
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NO 2003000870	A	20030225	NO	2003-870		20030225
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KR 862873	B1	20081015	KR	2003-702744		20030225
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PRIORITY APPLN. INFO.:			DE	2000-10042058	A	20000826
			US	2000-230035P	P	20000905
			WO	2001-EP9532	W	20010818
OTHER SOURCE(S):	MARPAT	136:232314				

AB Title compds. [I; R1 = PhCH2, 1-phenylethyl, (substituted) Ph; R2, R3 = O(CH2) mR4, methoxy, cyclobutyloxy, cyclopentyloxy, cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, tetrahydrofuran-3-yloxy, tetrahydropyran-3-vloxy, tetrahydropyran-4-vloxy, tetrahydrofyranylmethoxy, tetrahydropyranylmethoxy; R4 = N-(2-oxotetrahydrofuran-4-yl)methylamino, $N-(2-\text{oxotet$ oxotetrahydrofuran-4-yl)ethylamino, (substituted) 2-oxo-morpholin-4-yl, R50C0CH2NCH2CH2OH; R5 = H, alkyl; m = 2-4], were prepared Thus, 4-[(3-4)]bromophenyl)amino]-6-[2-(N-[(tert-butyloxycarbonyl)methyl]-N-((S)-2hydroxypropyl)amino)ethoxyl-7- methoxyquinazoline (preparation given) in MeCN was stirred under reflux with MeSO2OH for 3 h followed by addition of MeSO2OH up to completely conversion to give 85% 4-[(3-bromophenyl)amino]-6-[2-((S)-6methyl-2-oxomorpholin-4- yl)ethoxy]-7-methoxyquinoline. Tested I inhibited epidermal growth factor (EGF)-dependent proliferation of F/L-HERc cells with IC50 = 29-59 nM. The invention relates to the use of the title compds. for treating tumor diseases, and lung and respiratory tract disorders.

402735-43-7P 402735-45-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aminoquinazolines as epidermal growth factor receptor signal transduction inhibitors)

402735-43-7 CAPLUS

RN

CN Glycine, N-[2-[[4-[(3-chloro-4-fluorophenyl)amino]-7-[[(3R)-tetrahydro-3furanyl]oxy]-6-quinazolinyl]oxy]ethyl]-N-(2-hydroxy-2-methylpropyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 402735-45-9 CAPLUS

CN Glycine, N-[2-[[4-[(3-chloro-4-fluorophenyl)amino]-6-[[(38)-tetrahydro-3-furanyl]oxy]-7-quinacolinyl]oxy]ethyl]-N-(2-hydroxy-2-methylpropyl)-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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